

**Coeur d'Alene Tribe Lake Management Department  
Hazardous Waste Management Program  
Request for Proposals  
June 3, 2010**

**Project Title: Hepton Lake Levee Stability Report**

**TRIBAL CONTACT**

**Project Manager:** Sandra Raskell, P.E., Project Engineer  
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**PROPOSAL DUE DATE: Proposals must be received by 4:30pm PST on July 1, 2010.**

**PROJECT OVERVIEW**

In August 2004 the Coeur d'Alene Tribe purchased the Hepton Lake property. The property consists of 1,350 total acres of open water, emergent wetlands, uplands and shrubs mixed with cottonwoods. The Natural Resource Conservation Service (NRCS) holds a Wetland Reserve Program (WRP) easement on 1,187 acres on the western portion of the property. The remaining 163 acres are enrolled in the Bonneville Power Administration's (BPA) wildlife mitigation program as mitigation for the fisheries losses due to the operations of Albeni Falls Dam.

This site was previously used as an agricultural field that produced wheat and oats. In 1996, during a significantly high flood stage, a portion of the levee along the property breached and flooded the property. Prior to the breach, the previous land owner pumped excess water off the field and returned the water back into the St. Joe River. Due to the breach, the pumps were not able to maintain the desired water level and thus failed. Since the breach, the property has remained as an open water body. In 2000, NRCS repaired an undercut that had formed at the breach site. Since that time, no other restoration activities have been conducted.

As a Natural Resource Trustee, the Coeur d'Alene Tribe proposes to restore and increase the diversity of wetlands on the Hepton Lake Property. The Tribe hopes to create a functioning wildlife management area that restores native wetland habitat while maximizing habitat for various wildlife species. The Tribe also desires to hydraulically separate the warm waters of Hepton Lake from the cold water of the St. Joe River. By separating the waters, the Tribe hopes to keep the warm water predatory fisheries from the native cold water adfluvial cutthroat trout fishery in the St. Joe River.

## **SCOPE OF WORK**

The purpose of this request is to provide technical support and site investigation to the Tribe for the determination of the stability and integrity of the existing levee located along the southern and western portion of the property.

**Consultant tasks in support of this goal are as follows:**

**Task #1: Conduct a literary review of documents to become familiar with the site.**

**Task #2: Conduct a field site visit with Tribal staff.**

**Task #3: Conduct on-site survey and investigations and perform sampling of levee –** Conduct an on-site investigation to determine the stability and integrity of the levee through borings, laboratory testing, and historical documentation.

**Task #4: Assist the Tribe in determining appropriate steps to complete restoration activities –** Based on the results obtained in Task #3, the contractor shall assist the Tribe in assessing the best possible design appropriate based on the levee data as well as the Tribe's restoration goals.

## **DELIVERABLES**

**Deliverables for this project are as follows:**

- Conduct appropriate field work as required.
- Written summary of findings analyzing integrity of remaining levee.
- Assistance in the preliminary restoration project design.

## **SUBMITTAL AND REVIEW PROCESS**

Proposals for this project should be submitted to Sandra Raskell by the deadline. Proposals received after this date will not be considered nor accepted. Under the Tribal Employment Rights Ordinance, preference is given to Native American owned firms. Due to the funding source, minority and women-owned businesses will also be given preference.

**All proposals must meet the following criteria:**

- Proposals must fully describe the consultant firm's levee structural stability investigation or equivalent experience, soil sampling experience, restoration experience, and the ability to satisfy the above-mentioned project tasks.
- Proposals should contain educational and project related experience for all staff to be assigned to this project.
- Proposals must include a detailed project work plan including timelines for completion and a detailed project budget. Maximum project duration should not exceed 6 months.
- Two paper copies of the proposal should be submitted for review. These proposals should be simply presented, easy to photocopy and should not be bound except by binder clips. No fax or email copies will be accepted.

- The consultant shall provide contact information for references from the three most recent jobs that have been completed and three stability investigation jobs that have been completed that address soil structure stability (these may overlap if they are the most recently completed jobs).
- Consultant shall provide references for any work conducted with Native American Tribes.

**Criteria for consultant selection:**

<b>Criteria</b>	<b>Possible Points=100</b>
Cost/Proposed Budget (this should be detailed and broken out by task)	Max. Points-30
Technical merit of structural soil analysis proposal	Max. Points-30
Consultant's experience with structural soil investigations	Max Points-25
Preference given for Native American owned consulting firms	Points-10
Preference given for Disadvantaged Business Enterprises	Points-5

Notes: A selection committee of Tribal personnel will review all proposals. The selected proposal will be submitted to the Lake Management Department Director and Tribal Council for review and approval prior to awarding the contract. The Coeur d'Alene Tribe may decline to select a consultant and re-advertise the request for proposals if needed.